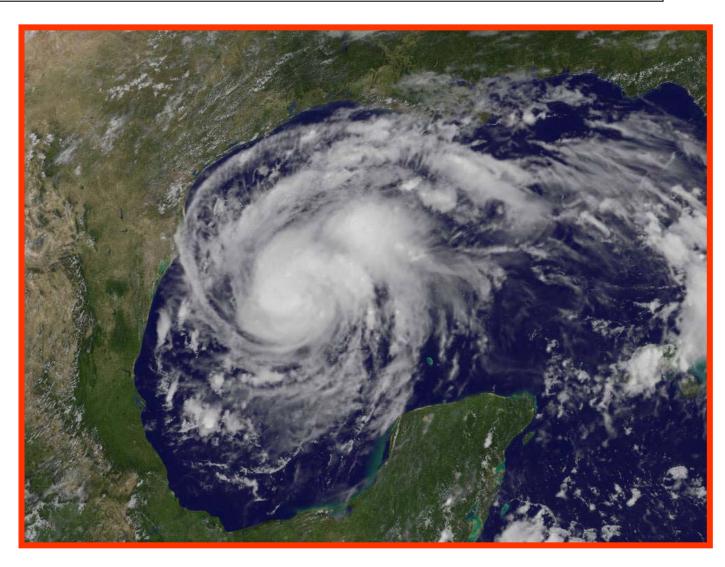
Hurricane Harvey -- Rolling Situation Report





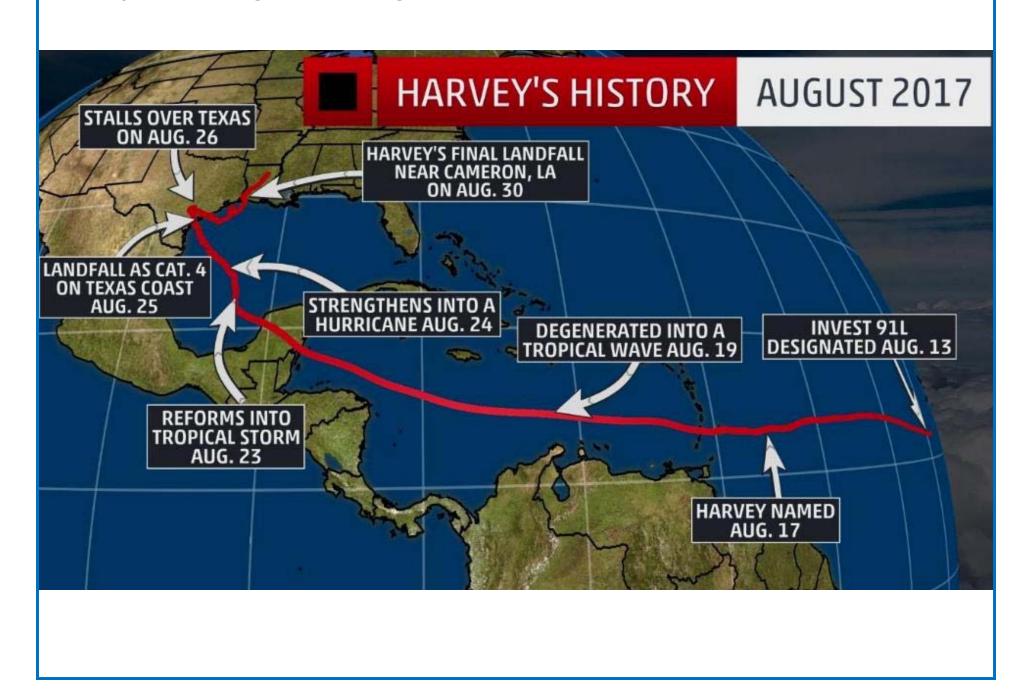
EPA Region 6 – 09/08/2017

10-Day Weather Forecast for Impacted Areas

DAY	DESCRIPTION	HIGH / LOW	PRECIP	WIND	HUMIDITY
TODAY SEP 8	Sunny	87'/65'	0%	NE 10 mph	49%
SAT SEP 9	Sunny	88'/67'	0%	NE 10 mph	48%
SUN SEP 10	Mostly Sunny	89'/65'	0%	NNE 10 mph	48%
MON SEP 11	Sunny	88'/64'	0%	N 10 mph	46%
TUE SEP 12	Sunny	90′/66	0%	NNW 7 mph	42%
WED SEP 13	Mostly Cloudy	91/69	0%	NW 6 mph	45%
THU SEP 14	Partly Cloudy	92′/70′	10%	NNW 7 mph	52%
FRI SEP 15	Mostly Sunny	90′/72′	10%	SE 9 mph	59%
SAT SEP 16	Partly Cloudy	90/72	20%	ESE 11 mph	61%
SUN SEP 17	Partly Cloudy	89'/72'	20%	E 10 mph	63%



Harvey Path - August 17 - August 30, 2017



FEMA / State of Texas Disaster Relief Centers

DRC #1- George R. Brown Convention Center, 1001 Avenida de Las Americas, Houston

DRC #2- Colorado County Services Facility, 305 Radio Lane, Columbus

DRC #3 - Randolph Recreation Center 653 East Pearl St., La Grange

DRC #4- Calhoun County Library, 200 W. Mahan Street, Port Lavaca

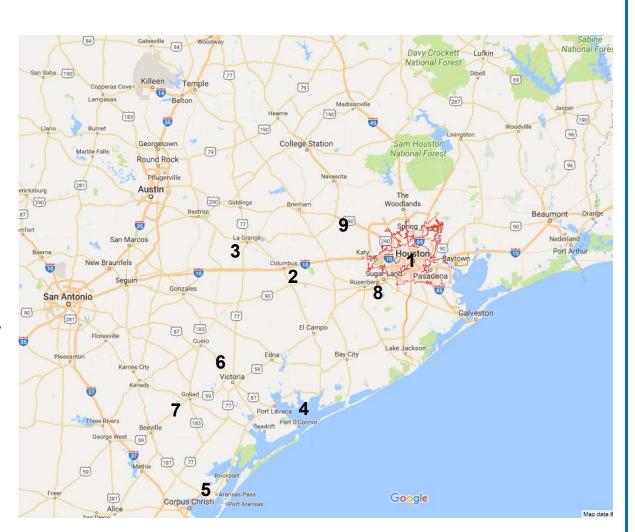
DRC #5- San Patricio County Bay Vista Shopping Center Suite 174 & 178, 2334 Hwy 361, Ingleside

DRC #6- Pattie Dodson Victoria County Public Health Center, 2805 N. Navarro Street, Victoria

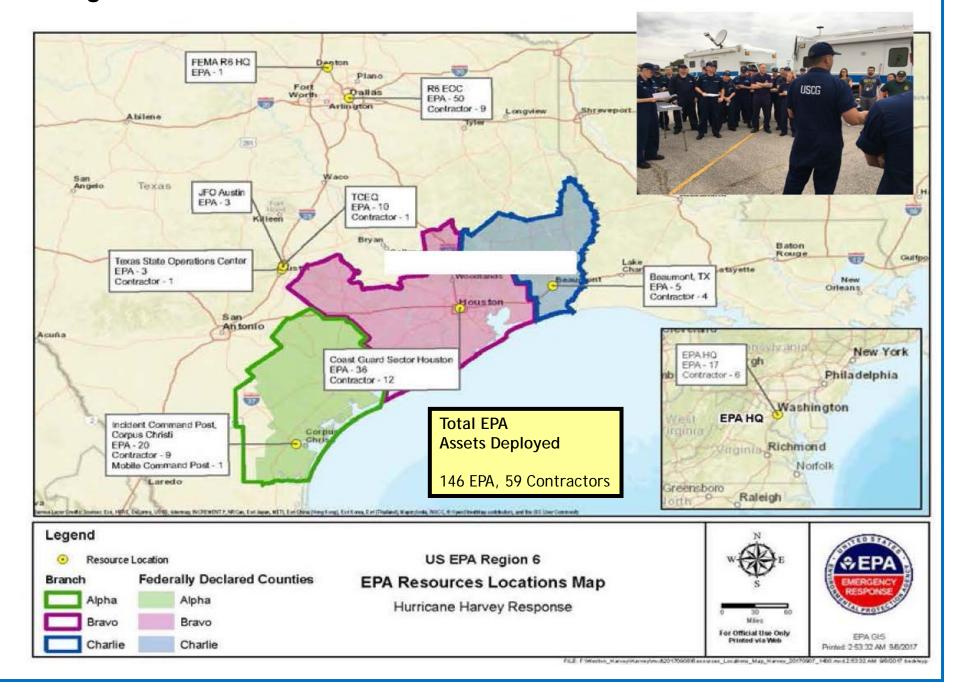
DRC #7- Goliad County Memorial Auditorium, 925 S. State Hwy 183, Goliad

DRC #8- Fort Bend County Sienna Annex, 5855 Sienna Springs Way, Missouri City

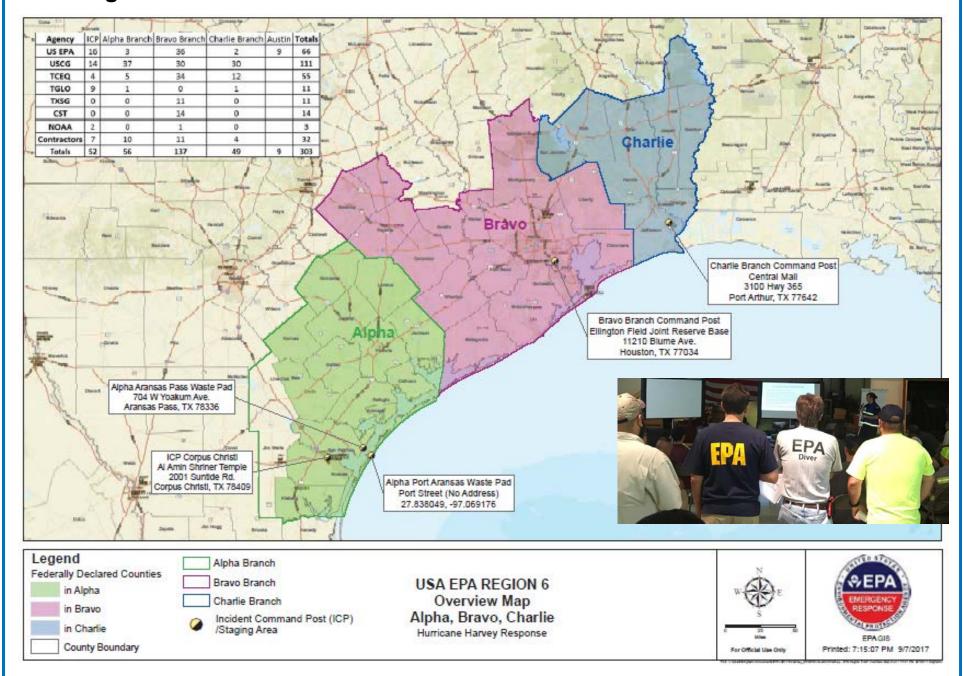
DRC #9- Montgomery County Friendship Center, 31355 Friendship Drive, Magnolia



EPA Region 6 Assets



EPA Region 6 Assets



EPA Region 6 Assets



Portable High-Throughput Integrated Laboratory Identification System (PHILIS)





Trace Atmospheric Gas Analyzer (TAGA): EPA's Mobile Sampling and Analysis System

Incident Objectives

- Provide for the safety, welfare and security of response personnel.
- Maximize the protection of public, health, and safety.
- Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status and facilitate system contact with Federal, State, and Local agencies (provide technical assistance).
- Conduct wide area assessment to identify orphaned containers equal to or greater than 5 gallons, potential
 or actual discharges from vessels and/or facilities, and document the most effective means for recovery or
 mitigation in accordance with Natural Disaster Operations Workgroup and the approved Unified Command
 Vessel/Pollution Removal protocols.
- Prioritize, monitor, mitigate and/or recover identified pollution targets.
- Assess DHS critical infrastructure and RMP/FRP facilities for damage and immediate/ongoing releases.

Incident Objectives

- Identify secure areas to process and temporarily store for subsequent recycling, disposal, or return to original owner displaced orphan containers, above ground storage tanks, hazardous waste, and vessels.
- Identify locations and establish ESF 10 ICP, Branches, and Staging Areas commensurate to the size and scope of the incident.
- Establish and maintain a common operating picture (COP).
- Identify and maximize protection of environmentally sensitive areas and threatened species.
- Manage a coordinated interagency response effort that reflects the composition of the Unified Command.
- Establish an IMT that can meet the initial and long-term challenges required for incident mitigation.
- Inform the public, stakeholders, and the media of response activities.
- Ensure appropriate financial accounting practices are adhered to.
- Establish a vessel recovery strategy.
- Establish a strong interagency partnership with public and private organizations to determine ownership and disposition of targets.

Incident Name:

Hurricane Harvey – ESF 10 Texas

Operational Period: 09/07/17 to 09/08/17

Prepared by: Tori Gomez

Date: 09/06/17 Time: 1721

Liaison Officer

Janie Acevedo, EPA Bryan Hayes, USCG C160

Incident Command

John Martin, EPA
Anthony Buck, TCEQ
Jimmy Martinez, TGLO
CDR Tedd Hutley, USCG
Deputy Joel Ferguson, USCG
Deputy Brent Kota, TGLO
C000

David Eppler, EPA Edward Primeau, USCG C130

Safety Officer

Data Support Coordinator Dan Burgo, EPA C150 Scientific Support Coordinator Steve Lehmann, NOAA

Operation Section

Nic Brescia, EPA
Deputy Renae DiGuardi, TCEQ
Deputy Jacqueline Fitch, USCG
Deputy Daniel Davis, TGLO
(See Next Page)
0000

Planning Section

Matt Loesel, EPA Deputy Jillian Hoffman, USCG P500

Logistics Section Derek Ragon, EPA

Eric Paisly, EPA
David Mergentnolar,
USCG
Michael Dougherty,
USCG
Terry Sullivan, TCEQ

L300

Finance Section

Geoffrey Krieger, EPA Rob Martin, USCG F200

Resources Unit

Tori Gomez, START Julie Bosman, USCG P510

Public Information

Officer

Terri White, EPA

PA1 Timothy

Tamargo, USCG

PAC Thomas McKenzie C140

Documentation Unit

Derek Ragon, EPA Cynthia Williams, TCEQ Carla Hope, TCEQ Simone Butler, TGLO Debbie Saenz, TGLO Gena Good, START George Amon, USCG P530

Situation Unit

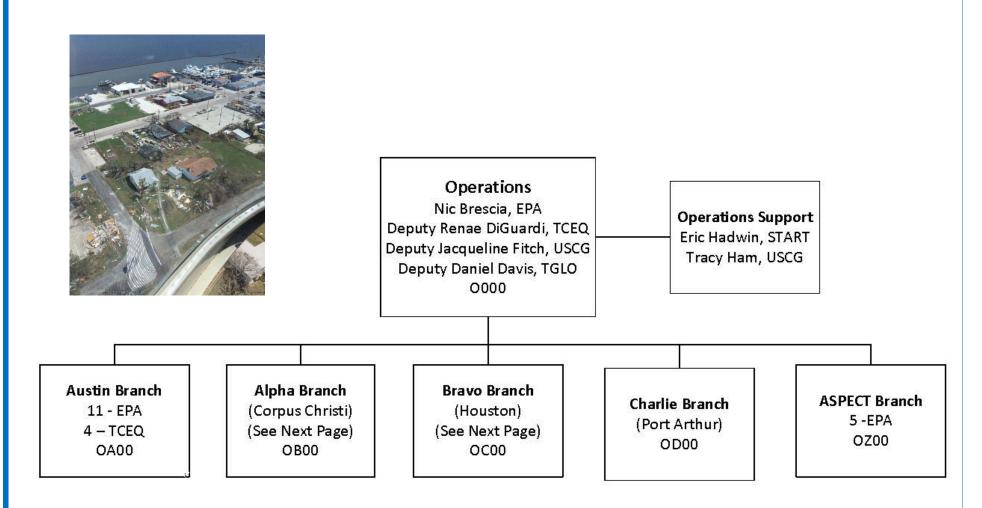
Justin McDowell, EPA Brandon Aten, USCG Gonalo Pena, TGLO[†] Eric Sandusky, START P520

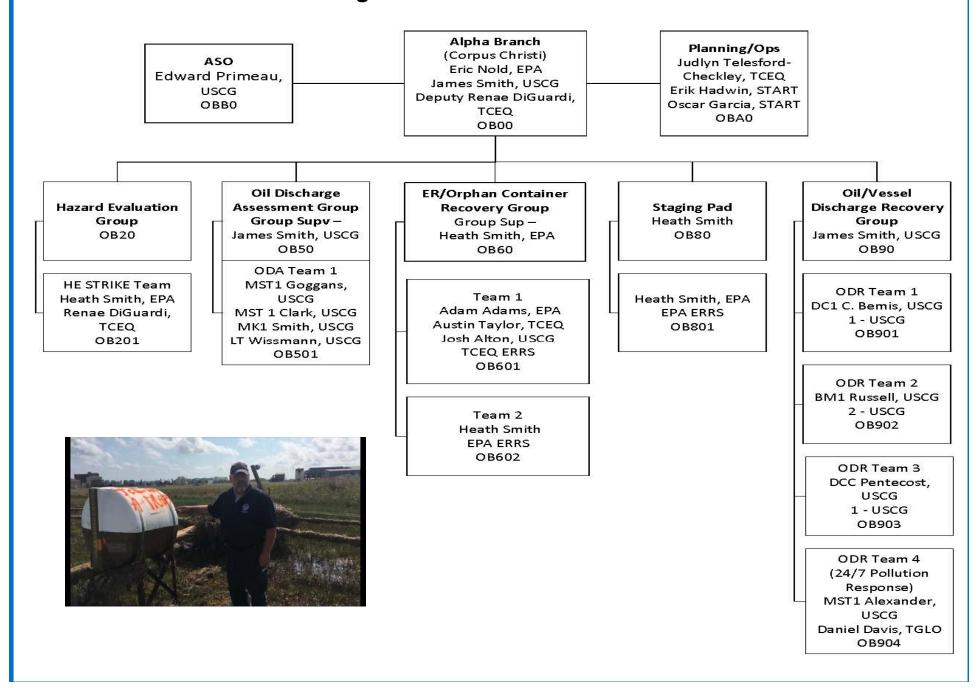
Data Management Specialist

Kris Fuller, START P570

GIS Specialist Cody Bingham, START P560



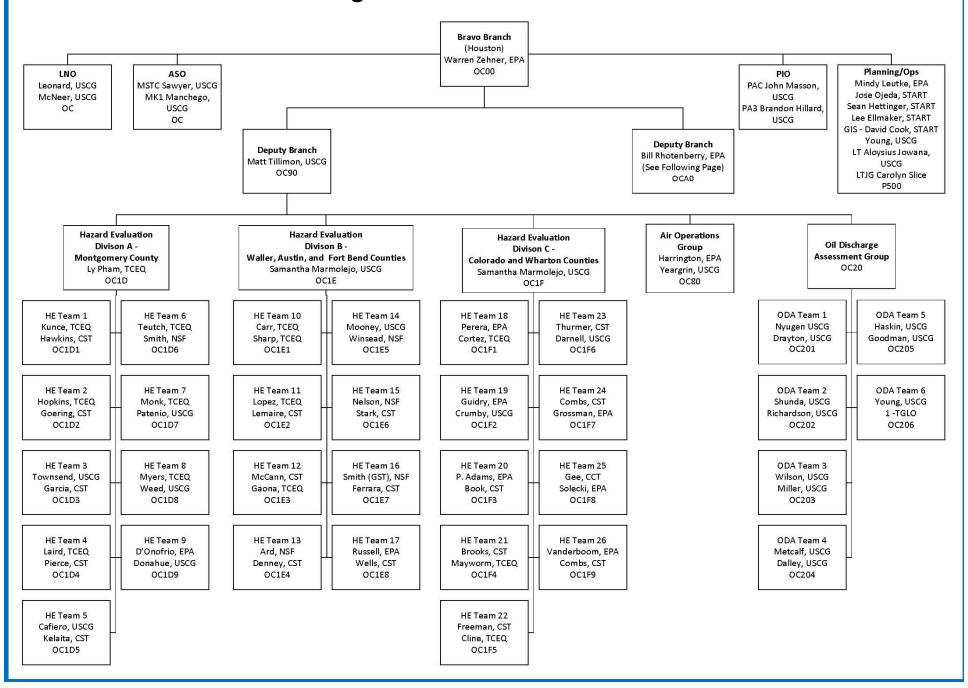


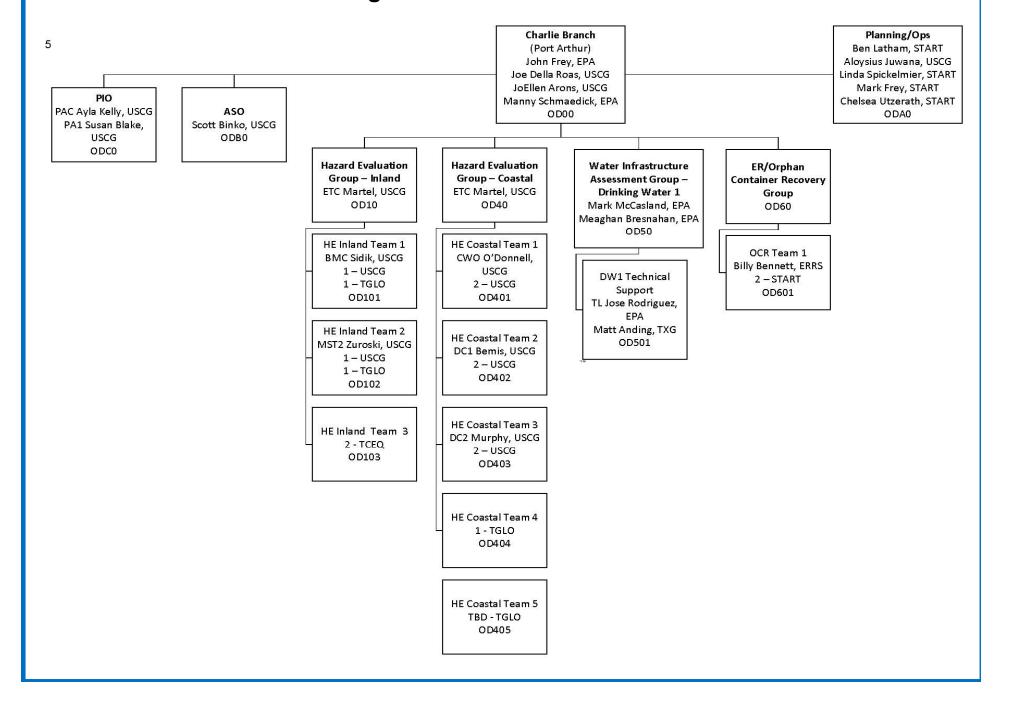


ESF-10 Unified Command Organization Chart Bravo Branch (Houston) Warren Zehner, EPA OC00 Planning/Ops ASO PIO LNO MSTC Sawyer, USCG Mindy Leutke, EPA PAC John Masson, Leonard, USCG Jose Ojeda, START MK1 Manchego, USCG McNeer, USCG Sean Hettinger, START USCG PA3 Brandon Hillard, OC Lee Ellmaker, START OC USCG **Deputy Branch** Deputy Branch GIS - David Cook, START Matt Tillimon, USCG Bill Rhotenberry, EPA Young, USCG (See Previous page) LT Aloysius Jowana, USCG OCAA LTJG Carolyn Slice P500 ER/Orphan Water Infrastructure Water Infrastructure Water Infrastructure Air Monitoring Assessment Group -Assessment Group -Assessment Group -Container Recovery Assessment Group Drinking Water 1 Drinking Water 2 Waste Water Group OC50 Mark McCasland, EPA Mark McCasland, EPA Mark McCasland, EPA OC60 Meaghan Bresnahan, EPA Robert Houston, EPA Westin Massey, EPA OC70 OC70 OC80 AM 1 ORC Team 1 Omerza, START Rhotenberry, EPA DW Team 9 DW Team 6 Baker, START WW Team 1 OC601 DW Team 4 DW Team 1 TL Robert Hudnall. TL Fred Waterman, OC501 Lanre Dawodu, Rodriguez, EPA TL Krystal Stotts, **TXSG** TXSG TCEQ Grote, TCEQ EPA Malcom, Cowdin, Matt Anding, TXSG Nicole Morris, TCEQ OC701 Laura Webb, EPA TXSG OC706 AM 2 OC801 OC704 OC79 Squires, START White, START OC502 WW Team 2 DW Team 7 DW Team 2 DW Team 10 DW Team 5 TL Rudy Molina, EPA TL Cecil Bell, Jr. TXSG TL Nicole Reed. Rodney Adams, TL Miguel Moreno, Lythia Merzmier, lan Taylor, TXSG TCEQ TCEQ TCEQ OC707 Candace Bednar, Brandon Boatman, Technical Support Mike Martin, EPA OC802 EPA EPA Walzer, START OC705 OC702 OC710 OC503 DW Team 8 WW Team 3 TL James Hicks, Nichole Numes. DW Team 3 TXSG **TAGA Unit** DW Team 11 TCEQ TL Neftali Lawrence Luebring, David Mickunas, EPA Josephine Garcia, Kelley Kartye, TCEQ Hernandes-Santiago, TXSG Weeks, EPA TCEQ OC803 EPA OC708 Contractor Alexandre Remnek, Fowler, TCEQ Kanupp, EPA EPA OC703 Contractor OC711 WW Team 4 OC503 Isaiah Longoria, TCEQ William Cooper, EPA OC804 WW Team 5 Dustin Roberts. TCEQ

Rachel Matthews, EPA OC805

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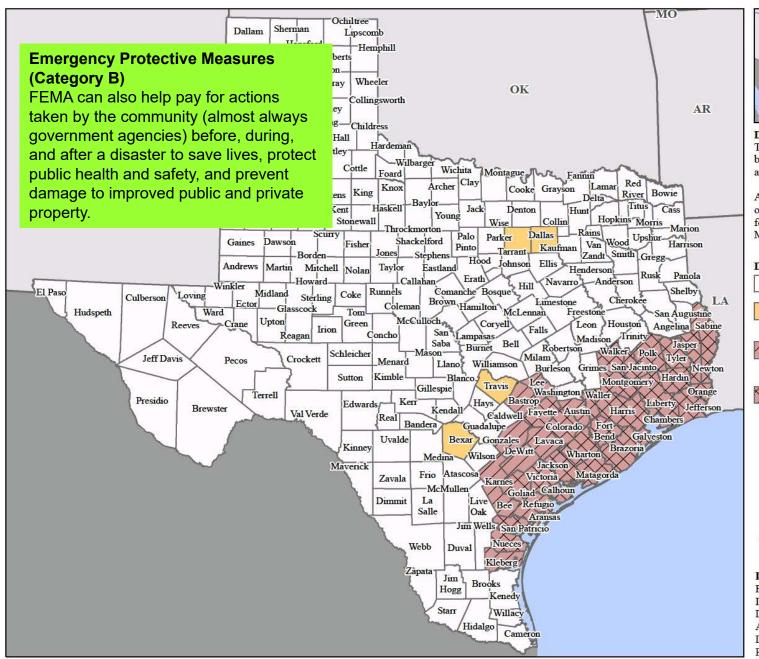




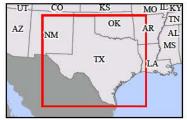
ESF-10 Mission Assignments

Mission Assignments	Status	Funded w/Indirect	Obligations	Amount Available	Daily Burn Rate	
<u>Hurricane Harvey</u>						
FEMA-1786-DR-LA-EPA-06 (HW) As directed by and in coordination with FEMA, EPA will provide appropriate personnel to RRCC, JFO, IOF, or other locations as needed to support FEMA response operations.	Ongoing	\$ 242,741	\$ 21,968	\$ 220,773	\$ 2,848	
FEMA-1786-DR-LA-EPA-05 (JF) Requested ESF-10 assistance to the State of Texas in support of assessment and response operations to actual or threatened hazardous materials and oil releases/discharge. This assistance includes response to release/ discharges from fixed facilities, as well as orphaned containers and mobile sources.	Ongoing	\$ 7,584,077	\$ 5,124,780	\$ 2,459,277	\$ 280,659	

FEMA-4332-DR, Texas Disaster Declaration as of 09/04/2017







Data Layer/Map Description: The types of assistance that have been designated for selected areas in the State of Texas.

All designated areas in the State of Texas are eligible to apply for assistance under the Hazard Mitigation Grant Program.

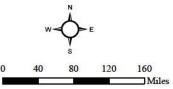
Designated Counties

No Designation

Public Assistance (Category

Individual Assistance and
Public Assistance (Categories
A and B)

Individual Assistance and Public Assistance (Categories



Data Sources:

FEMA, ESRI;

Initial Declaration: 08/25/2017 Disaster Federal Registry Notice: Amendment #5 - 09/04/2017 Datum: North American 1983 Projection: Lambert Conformal Conic

Daily/Cumulative summary of Hazard Evaluations/Recovery

_	Ор	ened	Closed		
Status	09/06/2017	Number of Targets Remaining Open	09/06/2017	Cumulative	
Corpus Christi Branch	2	32	4	73	
Houston Branch	29	193	4	28	
Port Arthur/ Beaumont Branch	15	34	1	4	
Reports	0	3	0	0	
Totals	46	262	9	105	



Daily/Cumulative summary of Spills/Discharges

Status	Opened		Closed		
	09/06/2017	Cumulative	09/06/2017	Cumulative	
Corpus Christi Branch	34	425	30	99	
Houston Branch	8	59	2	14	
Port Arthur / Beaumont Branch	1	11	10	10	
NRC Reports	53	82	3	20	
Totals	96	577	45	143	



Drinking Water and Waste Water Assessments

	Daily Assessments	Total Assessments
On-Site DW Assessments	80	256
On Site WW Assessments	47	181
Phone DW Assessments	253	4,852
Phone WW Assessments	111	2,908

